



1. Identification

Catalogue Number

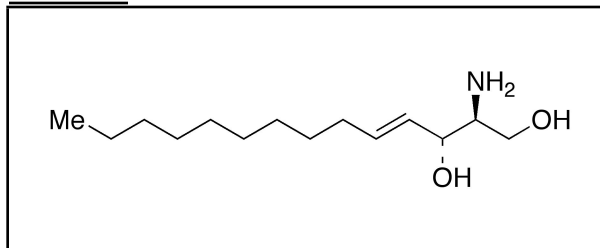
A629650

Lot Number

16-SHG-188-1

Product Name

(2S,3R,4E)-2-Amino-4-tetradecene-1,3-diol

Synonyms(E)-D-erythro-2-Amino-4-tetradecene-1,3-diol; C14-Sphingosine;
Tetradecasphing-4-enine;**Structure****CAS Number**

24558-60-9

SolubilityChloroform (Very Slightly),
Methanol (Slightly)**Shipping Condition**This Product Is Stable To Be Shipped At Room
Temperature**Molecular Formula** $C_{14}H_{29}NO_2$ **Source of Product**

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

243.39

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Waxy Solid to Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.69% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

0.0° (c = 0.1, Chloroform)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

4/8/2024

Retest Date

4/6/2031